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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/073,432	02/11/2002	Klaus Muller	TRW (AEC) 6039	4439	
26294 7	590 03/26/2003				
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1111 LEADER 526 SUPERIO	R AVENUE		LUEBKE, RENEE S		
CLEVEVLAND, OH 44114-1400			ART UNIT	PAPER NUMBER	
			2833	-	
			DATE MAILED: 03/26/2003	l,	

Please find below and/or attached an Office communication concerning this application or proceeding.

Application No. Applicant(s) App							
Examiner Renee S. Luebke 2333 -The MA/LING DATE of this communication appears on the cover sheet with the correspondenc address Period for Reply A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MALING DATE of THIS COMMUNICATION. Extensions of time may be available under the provisions of 31 CPR 1.758(b). In no event, however, may a reply be timely filed If this period for reply its appelled under the provisions of 31 CPR 1.758(b). In no event, however, may a reply be timely filed If this period for reply time specified above, the maximum statutory period will apply and vall equips SX (b) MXNTHS from the making data of this communication is the time the filed of the communication period will apply and vall equips SX (b) MXNTHS from the making data of this communication are period that medication is final. The period for reply its application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213. Disposition of Claims 4) Claim(s) 1.6 lare perioded. Claim(s) 1.6 lare rejected. The specification is objected to by the Examiner. Application Papers 9) The specification is objected to by the Examiner. Application Papers 9) The proposed drawing correction filed on		Application No.	Applicant(s)	J			
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1. The drawings are objected to because they do not appear to properly represent the invention. For example:

- a. The drafting appears to be faulty. What happens to the thickness of the plate 20 and board 28 in Fig. 3?
- b. There should apparently be an opening through one or both of the plate and the board for the actuator 16 to extend through.
- c. It is unclear whether the contacts 22a and 22b are elevated above the plate 20 in Fig. 2.
- d. The center of plate 20 in Fig. 3 does not appear to properly represent the structure shown in Fig. 2 or described in the specification.
- e. The sliding paths 30, 30' should more accurately indicate ther locations thereof so as to at least suggest that the disclosed and claimed connections can be made.

A proposed drawing correction or corrected drawings are required in reply to the Office action to avoid abandonment of the application. The objection to the drawings will not be held in abeyance.

2. The following is a quotation of the first paragraph of 35 U.S.C. 112:

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same and shall set forth the best mode contemplated by the inventor of carrying out his invention.

3. Claims 1-6 are rejected under 35 U.S.C. 112, first paragraph, as containing subject matter which was not described in the specification in such a way as to enable one skilled in the art to which it pertains, or with which it is most nearly connected, to make and/or use the invention.

The specification suggests (page 4, lines 18-20) that the ramps 18 are axially shifted with respect to each other. It is unclear how they can move with respect to each other since they are both attached to the same actuating member.

Art Unit: 2833

The tabs 24a, 24b, 34 and 36 which project above the level of contacts 22a, 22b, 24c and 24d would appear to interfere with the ability of the contacts to contact circuit board 28.

How are the actuator 16 and the plate 20 attached? If they are securely attached, how can the ramps be moved relative to the tabs? If the actuator and plate are not securely attached, how is the plate 20 supported?

How does the connection of the contacts 24c, 26c cause electrical connection between the contact element 22 and the circuit board 28 as suggested on page 5, lines 2-4?

How are the movable contact carrier and the actuating member coupled together "for joint rotation and axial movement" as required on line 4 of claim 1? There is no connection or coupling disclosed.

In addition, the meaning of claim 5 is unknown.

4. Any response to this action may be mailed to:

Assistant Commissioner for Patents Washington, DC 20231

or faxed to:

(703) 872-9318 or 308-7722 or 308-7724 (informal or draft communications should be clearly labeled "PROPOSED" or "DRAFT")

Hand-delivered responses should be brought to:

Crystal Plaza 4, Fourth Floor (Receptionist) 2201 South Clark Place, Arlington, Virginia.

5. Any inquiry concerning this communication from the examiner should be directed to Mrs. Renee Luebke whose telephone number is (703) 308-1511.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Mrs. Paula Bradley, can be reached at (703) 308-2319.

Renee S. Luebke

Primary Patent Examiner

March 21, 2003